

Date: Wed, 30 Mar 94 04:30:55 PST
From: Ham-Space Mailing List and Newsgroup <ham-space@ucsd.edu>
Errors-To: Ham-Space-Errors@UCSD.Edu
Reply-To: Ham-Space@UCSD.Edu
Precedence: Bulk
Subject: Ham-Space Digest V94 #75
To: Ham-Space

Ham-Space Digest Wed, 30 Mar 94 Volume 94 : Issue 75

Today's Topics:

Any sat tracking progs available for unix?
telecom and meteors

Send Replies or notes for publication to: <Ham-Space@UCSD.Edu>
Send subscription requests to: <Ham-Space-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Space Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-space".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 23 Mar 94 04:00:19 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!
vixen.cso.uiuc.edu!sdd.hp.com!sgiblab!nec-gw!nec-tyo!wnoc-tyo-news!glocom!tyo-noc-
news!jh1ynw!marina!kohjin@network.ucsd.edu
Subject: Any sat tracking progs available for unix?
To: ham-space@ucsd.edu

In article <2mmp1j\$uj0@plasma.apana.org.au> robert@plasma.apana.org.au (Robert
Kroes) writes:

>Does anyone know of a program preferably written in C (but fortran-77
>would suffice I suppose) which will track satellites using the standard
>2-line element sets. I would like to compile it up under UNIX. I see
>absolutely no reason why these programs should only be available in
>a pre-compiled form for mess-doss :-)
>
>Thanks in advance.
>--
>-Robert Kroes-
>robert@plasma.apana.org.au

ucsd:hamradio/packet/tcpip/incoming:sattrack.V1.7.tar

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----/---- Kohjin Yamada, JR1EDE [kohjin@marina.prug.or.jp]
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Date: 28 Mar 1994 07:05:26 GMT
From: ihnp4.ucsd.edu!pacbell.com!sgiblab!cs.uoregon.edu!news.uoregon.edu!
oregon.uoregon.edu!TTRENT@network.ucsd.edu
Subject: telecom and meteors
To: ham-space@ucsd.edu

Some of the messages about meteor-burst type communication posted are not quite correct. I have done quite a bit of meteor-burst communication on two meters and one does not need 12 to 24 hours to complete a contact. An excellent starting point for information on amateur radio experimentation in "this area is the ARRL book called something like "Beyond Line of Sight". There are alot of articles about maximizing success during showers. I have had good results scheduling stations in the 900-1200 mile range. This pre-arrangement is usually done on 75 meters, 3818 and 3843, before and during the showers. I have made good two-way contacts in as little as one or two minutes, and have also heard nothing for an entire half hour of schedules. During any shower there is usually a peak when one can get on and call short CQ's and raise people, especially if one stays off 144.2. I have had about ten people call at once at times. This effect is also noticeable on 10, 15, 20 and 6 meters, anywhere where the signal is lower than the burst that it may recieve from the meteor enhancement. There is also some software available for predicting when the peaks in the showers will correspond to your qth, please e-mail me if you are interested.

q

73
Tom Trent
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End of Ham-Space Digest V94 #75
